40

19 49.51 **File No.** E42/48

P.W.

B CLASS DEPARTMENT E BRANCH (1)

Subject:— Training.
Malaria Course for Engineers
Deputation of R.W.D. Officers
for. —

V

B [K] 1951

EBO)

E42/48

File No.

Std. Sects. Slip 24-A

G.R., G.D., No. 2408, dated 22-6-22.]

Std. Sectt. 78.

Correspondence

DOCKET SHEET

Subject :—

File No. 642/48

PW. DEPT

E(I) BRANCH.

References :— Copies of payes from the main file B[M]

Date.	To whom sent.	Notes and instructions.

G.R., G. D., No. 2408, dated 22-6-22.]

Std. Sectt. 78.

Correspondence

DOCKET SHEET

Subject :—

File No. 642/48

PW. **DEPT**

E(I) **BRANCH**

References :— Copies of payes from the main file B[M]

Date.	To whom sent.	Notes and instructions.

642/48/27061
P.W.D.

E.B.(I)

Submitted.

2. The Govt. of India propose to hold a Malaria course for thirty Engineers of class 1 at Delhi, lasting for about a week from 11th to 16th July 1949. If the number of nominees exceeds this figure this year, the number of courses will be correspondingly increased. That Govt. have requested us to communicate direct to the Director of Malaria Institute of India at Delhi, the names of officers, in order of preference, that this Govt. would like to depute for the course. The T.A. and other allowances of the officers attending the course will have to be borne by this Govt.

3. A somewhat similar course was held by the Malaria Institute of India at Delhi in Oct.1948, and 2 names of suitable officers of the B.S.E.class 1 were called for from each circle last year. Ultimately this Govt. had deputed only one officer, viz; Mr.A.R.Raichur, B.E., vide G.L. No.2858/36-II-E(1), dated the 16th July 1948.

5. It is for orders whether 2 nominees may be called for from each of the circles as was done last year, the number of officers to be deputed being decided later.

6. The Director, Malaria Institute of India, Delhi, is to be supplied with this information not later than the 10th June 1949.

Id.SMD
3.5.49

I think one nominee only may be called for, from each of the circles.

Id.
3.5.49

Id.
3.5.49

Secy(I)

Secy (R & B)

H.M.P.W.D.

Id.
5.5.49

Id.
6.5.49

No.F.4-10/49-P.H.I. BY AIR MAIL.
Government of India.
Ministry of Health.

New Delhi, the 31st March 1949.

From

P.S. Doraswami, Esquire, B.A.,
Under Secretary to the Government of India.

To

All Provincial Governments and Local Administrations, including Andamans.

Subject:- Malaria Course for Engineers - 1949.

Sir,

I am directed to say that it is proposed to hold another Malaria Course for Engineers of class 1 at the Malaria Institute of India, 22 Alipore Road, Delhi, lasting for about a week from the 11th to the 16th July 1949, on the same lines as the course held in October 1948. About 30 officers will be admitted to the course and if the number of nominees exceeds this figure, the number of courses will be correspondingly increased and held in the following weeks. A copy of the programme of the course held last year is enclosed. This year's programme will be almost on the same lines. A special feature of the course this year will be that a Malaria Engineer deputed by the World Health Organisation will take part in the instructional work. The candidates attending the course will also be able to take advantage of their association with the international expert to discuss their individual problems. The Engineers connected with the hydro-electric projects in India and others likely to be interested in the control of Malaria with special reference to engineering problems attendant upon large scale irrigation work may be specially interested in the course. No tution fee will be charged for the course. Travelling and other allowances of the officers who attend the course will be met by the authorities nominating them.

2. The Government of India will be glad if the names of the officers whom the

names of the officers whom the Provincial Government you may desire to depute at their expense/the expense of the local Administration to attend the course are communicated in the order of preference direct to the Director, Malaria Institute of India, Delhi, not later than the 10th June 1949.

3. Sometimes the nominating authorities cancel their nominations at the eleventh hour making it difficult for the Director of the Institute to select other students from the waiting list in time for attending the course. It is, therefore, requested that cancellation of nominations may be intimated to the Director, Malaria Institute of India, Delhi, at least one month before the commencement of the course.

Yours faithfully,

Sd/- P.S. Doraswami,
UNDER SECRETARY.

No.F.4-10/49-P.H.I.

Copy, with a copy of the enclosure, forwarded to the Ministry of Labour/Ministry of Works, Mines and Power/Ministry of Railways (Railway Board)/Ministry of States/Ministry of Defence for infomration (and communication to the important Indian States)* (in continuation of this Ministry's endorsement F.4-10-48-PHI dated the 15th April 1948). It is suggest-ted that the names of officers whom that Ministry may wish to depute for training should be sent to the Director, Malaria Institute of India, Delhi, Direct.

( ) To States Ministry onlyy

*()Not to Defence Min.

****

No.F-4-10/49-P.H.I.

Copy forwarded to the Director General of Health Services/Director, Malaria Institute of India, Delhi for information.

By order,
Sd/- P.S. DORAWSAMI.
UNDER SECRETARY.

.....

True Copy (N.N.Sowani),Jnr.Asstt.-Issue Section,
P.W.D. Secretary.

PROGRAMME OF MALARIA COURSE FOR ENGINEERS.

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY.
7-9 A.M.	FIELD DEMONSTRATION OF MALARIA PROBLEMS IN DELHI			FIELD DEMONSTRATION OF MALARIA CONTROL MEASURES		
10-11 A.M.	LECTURE Object and scope of course. History and importance of malaria	LECTURE How Malaria is transmitted The parasites of malaria.	LECTURE Factors influencing the incidence of malaria. Topography temperature, humidity, rainfall, economic conditions, etc.	LECTURE Principles and economics of anti-malarial santitation Costs of permanent and recurring control measures.	LECTURE Special Malaria problems. Malaria and irrigation. Malaria and rice cultivation.	LECTURE Treatment of malaria Methods of personal prophylaxis and prevention of malaria among labour forces.
11 A.M. 12 Noon.	Museum DEMONSTRATION	LABORATORY DEMONSTRATION Malaria parasites in the blood and in mosquitoes	Laboratory Demonstration - Mosquitores- egg, larva, pupa, and adult stages.	MUSEUM DEMONSTRATION Methods of Malaria control	MUSEUM DEMONSTRATION Apparatus used in malaria control work.	CINEMA FILM Malaria control methods in Malaya.
12 NOON 1 P.M.	LECTURE Malaria problems in Delhi.	LECTURE CINEMA FILM Life history of the mosquito.	LECTURE Malaria control. Spraying of sellings with insecticides. Application of oil & paris grtin	LECTURE Malaria control Drainage - open and subsoil.	LECTURE Malaria control. Drainage (Contd. and naturallistic control measures.	LECTURE. Revision and general discussion.

True copy.

(N.N.Sowani),
Jnr. Asstt. - Issue Section,
P.W.D. Secretariat.

Letter.

VERY URGENT.
No.642/48-E(1)

Public Works Department,
Bombay Castle, 9th May, 1949.

To

The Superintending Engineers of Circles.

Subject:- Malaria Course for Engineers - 1949.

Reference: Government of India, Ministry of Health, letter No.F.4/10/49-P.H.I., dated the 31st March, 1949, and its accompaniment (copies enclosed).

2. Please nominate one suitable officer of Bombay Service of Engineers, Class 1, from your Circle who can be deputed for the course in question. Nominations should reach Government by the 25th May, 1949.

By order of the Governor of Bombay

sd/- Id.10.5.49 O/c.
(D.N.Daruwala,)

Assistant Secretary to the Government
of Bombay, Public Works Department.

D.A.- Copies
referred to.

642/48/35064

P.W.D.

E.B.(1)

Submitted with refce. to G.L.No.642/48-E(1), dated the 9th May 1949.

2. The S.Es., C.C. and N.G.C. have reported that ther -e are no Class 1 officers in their Ci cles at present, and so none can be deputed for the Malaria Course of Engrs. to be held by the Govt. of India at Delhi in July 1949. The S.Es., B.C., E.C., D.I.C., S.G.C., S.C., K.I.C. and the P.H.Engr. to Govt. have submitted the following nominations for the deputation to the Course:-

Circles.	Nominations.
Bombay Circle	Mr.N.C. Patel, Ex.Engr., Presy.Dn.
Eastern Circle	Mr.S.G.Kale, Tempy.Ex.Engr., Irrign.Projects Dn., (Central).
Deccan Irrigation Circle.	Mr.I.M.Magdum, Asstt. Engr.(1), Malsiras Sub-Dn.
South Gujarat Circle	Mr.A.V.Vora, Asstt. Engr. (1), on probation, (attached to Mahi Canals Constrn Dn.).
Southern Circle.	Mr.V.R.Deuskar, offg. Ex. Engr., Dharwar Dn.
P.H.E. to Govt.	Mr. K.V.Joshi Tempy. Ex. Engr., Northern Sanitary Dn., Surat.
Karnatak Irrign. Circle.	Mr. D.B. Kankanwadi,-Ex. Tempy.Ex. Engr., Irrign. Projects Dn.(South),

3. It is for consideration who may be deputed for the Malaria Course. Three officers were deputed for a similar course in 1941, one (Mr.K.M.Joshi) in 1947 and one (Mr.A.R.Raichur) in 1948.

Id.
26.5.49.

Id.
26.5.49.

If approved, the following three officers may be deputed for the Malaria Course.

(1) Mr. I.M. Magdum

(2) Mr. A.V. Vora

(3) Mr. D.B. Kandarwadi

Id.

27.5.49

Items 1 & 2 may be sent.

Id.

28.5.49

Id.

31.5.49

Secy.(1)

Secy (R & B)

H.M. P.W.D.

Id.

2/6

Id.

2/6

642/48/35064

EB(1) P.W.D.

Resubmitted with a draft for approval, which may issue after u.o. to F.D. As the reply to the Govt. of India is to be given before the 10th of this month, that Deptt. is requested to treat this case as "Very ~~Urg~~- Urgent".

Id.
2.6.49

Id. 2.6.49.

E(I)14/6

642/48

38897

Id.
2.6.49

Very Urgent
U.O.R. to the F.D.dated the 3.6.49.

Finance Dept. (C.Br.)

Pl.see 'A' of the G. of I.'s letter at p. 1 ante the papers have been referred to this Deptt. Presumably becuase the expre. on T.A. and other allowances of the two nominees of this Govt. will have to be borne by us.

The papers may be seen and returned P.W.D.

Id.
3.6.49

Id.
3.6.49

U.O.R. to P.W.D. dt. 4.6.49.

642/48/35064

P.W.D.
B.C. 15th June 1949.

No.642/48-E(1)

To

The Director,
Malaria Institute of India,
22, Alipore Road, Delhi.

Subject:- Malaria Course for Engrs.1949.

Sir,

With reference to the Govt. of India, Ministry of Health, letter No.F-4-10-49, P.H.I., dated the 31st March 1949, I am directed to state that Mr.I.M. Magdum, B.E., and Mr. A.V.Vora, B.E., have been nominated by this Govt. to attend the Malaria Course to be held at the Malaria Institute of India, Delhi, from the 11th to 16th July 1949.

Yours faithfully, . . . D.A.Nil

Copy to:-

Under Secy. to the Govt. of India, Ministry of Health,
The H.& L.G.D.,
The F.D.,
The A.G., Bombay (thro.the F.D.),
The S.E., D.I.C.(with refce. to this letter No.60/8179-E. d. the 18th May 1949),
The S.E., S.G.C.(with refce. to his letter No. 2525, d.the 17.5.1949).

2. The S.E. D.I.C., S.G.C., is requested to inform Mr. I.M.Magdum, Asst. Engr.(1), Malsiras Sub -Dn. A .V.Vora, Asst. Engr.(1), on probation, that the course will give him ideas about anite . . . . . anti-malarial measures which can be applied to irrigation works so that they may not be a source of malaria trouble.

Id.
2.6.49

Id.
2.6.49

Id.

2/6

Hr.consulted.
copies sent to
Secy.to Governor
& C.S.
Id.
10/7

'IMMEDIATE'

No.F.4-19/50-PH.1.,
Government of India,
Ministry of Health.

New Delhi; the 6th July, 1950.

From

P.S. Doraswami, Esquire, B.A.,
Under Secretary to the Government of India,

All the States mentioned in part A, B and C
of the Schedule 1 to the
Constitution.

SUBJECT:- MALARIA COURSE FOR ENGINEERS.

Sir,

I am directed to say that it is proposed to hold another Malaria Course for Class 1 Engineers at the Malaria Institute of India, 22, Alipore Road, Delhi, lasting for ten days from 1st to 10th August, 1950, on the same lines as the course held in July 1949. About 30 Officers will be admitted to the course and, if the number of nominees exceeds this figure, the number of course will be correspondingly increased and held in the following weeks. A copy of the tentative programme to be followed is enclosed. No tuition fee will be charged for the course. Travelling and other allowances of the officers who attend the course should be met by the authorities nominating them.

2. The Government of India will be gald if the names of the Officers, whom the State Government/ your may desire to depute at their expense / the expense of the local Administration to attend the course, are communicated in the order of preference direct to the Director, Malaria Institute of India, Delhi, not later than the 20th July, 1950.

3. Sometimes the nominating authorities cancel their nominations at the eleventh hour making it difficult for the Director of the Institute to select other students from the waiting list in time for attending the course. It is, therefore, requested that cancellation of nomin-

of nominations, if any, may be intimated to the Director, Malaria Institute of India, Delhi, at least a week before the commencement of the course.

Yours faithfully,

Sd/-

Under Secretary.

~~*"A.K. BHATIA"**~~

No.F-4-19/50-PHI.

Copy, with a copy of the enclosure, forwarded to the Ministry of Labour/Ministry of Works, Mines and Power/Ministry of Railways (Railway Board)/ Ministry of Defence for information in continuation of this Ministry's Endorsement No.F.-4-10/49-P.H.I., dated the 31st March, 1950. It is suggested that the names of Officers whom that Ministry may wish to depute for training should be sent to the Director, Malaria Institute of India, Delhi, direct.

2. Copy forwarded to the Ministry of States/ Director General of Health Services/ Director, Malaria Institute of India, Delhi, for informtion.

By order.

Sd/-

Under Secretary.

TENTATIVE PROGRAMME OF MALARIA COURSE FOR ENGINEERS TO BE HELD AT THE MALARIA INSTITUTE OF INDIA, DELHI FROM 1st AGUST TO 10th AGUST 1950.

Time	Tuesday,	Wednesday.	Thursday.	Friday.	Saturday	Monday.
8.00 to 10.00		Laboratory. Demonstration Mosquito eggs, Larval pupa and adult stages. Demonstration of film strip.	FIELD DEMONSTRATION OF DELHI MALARIA PROBLEMS. Timarpur to Drain 14 and Central Vista Tanks.	Berapula. Nala	Southern	W.J.Canal system Darhalia Escape and Najafgarh Cut.
10.00 to. 11.00	LECTURE I. Object and scope of course. History of Malaria and its social and economic importance.	LECTURE III Malaria problems in Delhi Province Antimalaria Engineering Works.	LECTURE V Factors influencing the incidence of malaria-topography, climate, agricultural and economic conditions.	Jangpura and Lodi Road.	Ridge (Reservoirs)	LECTURE IX. Prevention of man made malaria 1 - large stream impoundments including hydro electric Ros. Film strip under - control.
12.00 to 1.00	Laboratory. Demonstration, Malaria, Parasites in the blood and in the mosquito.	Lecture IV. Mosquito bionomics life cycle, larval habitats and biting and resting habits.	Lecture VI. Recurring control Measures in Delhi.	Lecture VII. Principles and economics of antimalaria sanitation. Costs of permanent and recurring control measures.	LECTURE VIII. Minor residual drainage Principles and practices. Pucca drainage.	Lecture X. Prevention of man-made malaria II - Irrigation Primary systems.
11.00 to 12.00	LECTURE II. How malaria is transmitted. The parosites of human malaria and their life cycle in mosquite.	Demonstration of film strip	Museum and demostration	Brick field area	Nalas and quarries)	Cinema films, Malaria Control Method in Malaya.

No.5815/33/32706-D,
Local Self Government & Public
Health Department,
Bombay Castle, 12th July 1950.

From

Shri V.S.Mahajani,
Deputy Secretary to the Government of Bombay,
Local Self Government & Public Health Department,

To

The Under Secretary to the Government of India,
Ministry of Health,
New Delhi.

SUBJECT:- Malaria course for Engineers.

Sir,

I am directed to acknowledge the receipt of your letter, No.F.4-19/50-P.H.I., dated the 6th July 1950, on the subject mentioned above and to state that it has been forwarded to the Public Works Department for disposal. I am to request that in future communications on the subject may be addressed to that Department direct.

Yours faithfully,

Sd/- V.S. Mahajani,

Deputy Secretary to the Government of
Bombay,
Local Self Government & Public Health
Department.

I M M E D I A T E.

No.5815/33/32706-D,
Local Self Government & Public Health
Department,
Bombay Castle, 12th July 1950.

Copy with the letter under reply and of its accompaniment in original forwarded to the Public Works Department.

By order of the Governor of Bombay,
sd/-

Deputy Secretary to the Government of Bombay,
For Local Self Government & Rublic Health Department.

642/48/56952

E.B.(I) P.W.D.

The ~~g~~ G. of I., Ministry of Health, have intimated that it is proposed to hold another Malaria Course for Class 1 Engrs. at the Malaria Institute of India, Delhi, lasting for 10 days from the 1st to 10th August 1950. A copy of the tentative programme to be followed will be found at pp. ante. No tuition ~~free-will~~ fee will be charged for the course but the travelling and other allnces. of the officers who attend the course should be met by the authorities nominating them. The G. of I. have requested that the names of the officers whom the State Govt. may desire to depute at their expense may be communicated in the order of preference direct to the Director, Malaria Institute of India, Delhi, not later than the 20.7.50.

It may be mentioned that Shri A.R. Raichur was deputed for the course in the year 1948 and Shri J.M. Maqdum and Shri A.V.Vora in the year 1949. There is not much time for addressing the local officers ~~that~~ this year to submit their nominations for the course. It is accordingly for consideration whether any Cl.1. officer may be nominated for the course and if so, who. On receipt of orders, necy. further action will be taken.

Id.
14.7.50

As the notice is too short, it will not be possible to release any of the class 1 officers in time for this course.

Id.
14.7.50

Id.
14/7

Id.

15/7

No.642/48-E(1) 642/48/56952

P.W.D.
B.C. (B'bay No.1,)
18th July 1950.

To

The Under Secy. to the G. of I.,
Ministry of Health,
New Delhi.

Subject:- Malaria Course for Engrs.

Sir,

I am directed to refer to this G.L., & S.G. & P.H.D., No.5815/33/32706-D, d. the 12.7.50, and to state that it has been decided not to send any officer of this Deptt. this year for Malaria Course for Engrs.

Yours faithfully,

Dy. Secy. to the G. of B.,

P.W.D.

Copy to :-

The Director, Malaria Institute of India, Delhi.

The L. S.G. & P.H.D. with ref. to its endt. No.5815/33/32706-D,

for information.

D. A. Nil

Id.

18.7.50.

Tentative programme of Malaria Course for Engineers to be held at the Malaria Institute of India, Delhi, from 1st October to 10th October 1951.

Time	MONDAY 1st Oct.1951	TUESDAY 2nd Oct.1951	WEDNESDAY 3rd Oct. 1951	THURSDAY 4th Oct. 1951	FRIDAY 5th Oct. 1951	SATURDAY 6th October 1951
8.00 to 10.00		Laboratory Demonstration Mosquito eggs, larval pupa and adult stages. Demonstration of film strip.	FIELD DEMONSTRATIONS OF DELHI MALARIA PROBLEMS. Timarpur to Drain 14 and Central Vista-Tanks.	Barapula Nala	Southern	W.J. Canal system Darhalia Escape and Najafgarh Cut.
10.00 to 11.00	LECTURE I. Object and scope of course History of Malaria and its social and economic importance.	LECTURE III. Malaria problems in Delhi Province Anti-malaria Engineering Works.	LECTURE V. Factors influencing the incidence of malaria-Topography, climate, agricultural and economic conditions.	Jangpura and Lodi Road	Ridge Reservoirs	LECTURE IX. Prevention of man- made malaria - 1-Large stream impoundments including hydro-electric reservoirs. Film strip under control.
11.00 to 12.00	LECTURE II. How malaria is transmitted. The parasites of human malaria and their life cycle in mosquito.	Demonstration of film strip.	Museum and Demonstration.	Brick field area	Nales and quarries).	Cinema films. Malaria control method in Malaya.
12.00 to 1.00	Laboratory. Demonstration. Malaria Parasites in the blood and in the mosquito.	LECTURE IV. Mosquito bionomics life cycle, larval habitats & biting and resting habits.	LECTURE VI. Recurring control measures in Delhi.	LECTURE VII. Principles and economics of antimalaria sanitation. Costs of permanent and recurring control measures.	LECTURE VIII. Minor residual drainage. Principles and practices. Pucca drainage.	LECTURE X. Prevention of man-made malaria II- Irrigation-Primary systems.

TIME	MONDAY 8th October 1951	TUESDAY. 9th October 1951	WEDNESDAY. 10th October 1951
8.00 to 9.00	LECTURE XI. Larvicidal measures. Oil and para paris green. D.D.T. & T.D.E. Solution. Application rates and techniques, Hand, ground, power & aeroplane applications. Film strips - D.D.T. and other larvicides.	LECTURE XIII. Prevention of man-made malaria III - Irrifation - Secondary systems. Rice growing Practises.	LECTURE XV Personal Prophylaxis and prevention of malaria among labour forces. Site selection.
10.15 to 11.15	LECTURE XII. Adulticidal measures. pyrethrum and residual sprays. Film strip-Hand spraying with D.D.T.	FILM STRIPS	
11.15 to 1.00	Practical Demonstration Anti-larval Methods. Demonstration Spray - killing adult mosquitoes.	LECTURE XIV. Prevention of man-made malaria IV - Highways rail roads and general construction practices, involving excavation, filling and grading.	LECTURE XVI. Summary of methods of investigation and control of malaria.

IMMEDIATE.

No.F.4-13-51-PH.I.
Government of India.
Ministry of Health.

New Delhi, the 10th May 1951.

From

P.S. Dorawami, Esquire, B.A.,
Under Secretary to the Government of India,

To

All the States mentioned in Part A, B and C of the Schedule 1 to the Constitution. (except Jammu and Kashmir).

Subject:- Malaria Course for Engineers - 1951.

Sir,

I am directed to say that it is proposed to hold another Malaria Course for Class 1 Engineers at the Malaria Institute of India, 22, Alipore Road, Delhi, lasting for ten days from the 1st to 10th October 1951. A bout 30 officers will be admitted to the course and, if the number of nominees exceeds this figure, the number of courses will be correspondingly increased and hold in the following weeks. A copy of the tentative programme to be followed is enclosed. No tution fee will be charged for the course. Travelling and other allowances of the officers who attend the course should be met by the authorities nominating them.

2. The Government of India will be glad if the names of the officers, whom the State Government / you may desire to depute at their expense/ the expense of the local Administration to attend the course, are communicated in the order of preference direct to the Director Malaria Institute of India, Delhi, not later than the 31st August 1951.

3. Sometimes the nominating authorities cancel their nominations at the eleventh hour making it difficult for the Director of the Instiute to select other students from from the waiting list in time for attending the course. It is, therefore, requested that cancellation on nominations, if any, may be intimated to the Director, Malaria,

I

Malaria Institute of India, Delhi, at least a week before the commencement of the course.

Yours faithfully,

Sd/-

UNDER SECRETARY.

No.F-4-13/51-PH.1.

Copy, with a copy of the enclosure, forwarded to the Ministry of Labour/Ministry of Works Production and Supply/Ministry of Railways (Railway Board)/ Ministry of Defence for information in continuation of this Ministry's endorsement No.F.4-19/50-PHI., dated the 6th July 1950 It is suggested that the names of Officers whom that Ministry may wish to depute for training should be sent to the Director, Malaria Institute of India, Delhi, direct.

2. Copy, with a copy of the enclosure, forwarded to the Secretary to the Government of Bombay, Public Works Department, Bombay/the Regional Commissioners and Advisers.

3. Copy forwarded to the Ministry of(for communication to the State of Jammu and Kashmir) States/ Director General of Health Services/ Director, Malaria Institute of India, Delhi.

By order,

Sd/-

UNDER SECRETARY.

642/48.
41869

E.Br. P.W.D.

The G. of I., Ministry of Health, have intimated that it is proposed to hold another Malaria Course for Class 1 Engrs. at the Malaria Institute of India, Delh lasting for 10 days from the 1st to 10th Octr. 1951. A copy of the tentative programme to the followed will be found at pp. ante. No tuition fee will be charged for the course but the travelling and other allonces, of the officers who attend the course should be met by the authorities nominating them. The G. of I.have requested that the names of the officers whom the State Govt. may desire to depute at their expense may be communicated in the order of preference direct to the Director, Malaria Institute of India, Delhi, not later than the 31-8-51.

Shri A.R. Raichur was deputed for the course in the year 1948 and Shri I.M. Magdum and Shri A.V. Vora in the year 1949. No officer of this Govt. was deputed for the course last year as there was no time for addressing the local officers in the matter.

The S.Es. of Circles may perhaps be requested to nominate one suitable officer of the B.S.E. Cl.1 from their respective Circles for selection by Govt. for the course. The necy. draft is put up for approval.

Id.
16.5.51.

Id.
17.5.51.

D.S.
C.E. on tour.

Secy. Id.
17.5.51

642/48.

Letter.

No.642/48-E.

P.W.D.,
N.C.(Bombay No.1),
18th May 1951.

To

The S.Es. of Circles.

Subject:- Malaria Course for Engrs., 1951.

Reference: Govt. of India, Ministry of Health letter No.F.4-13/51-PH.I, dated the 11.5.51, and its accompt. (copies enclosed).

2. Please nominate one suitable officer of the Bombay Service of Engrs., Class 1, from your Circle for selection by Govt. for deputation to the Malaria Course of Engrs. to be held in Octr. 1951. Nominations should reach this Deptt. by the 25th June 1951.

By order of the G. of B.,

Dy. Secy. to the G. of B.,
P.W.D.

D.A.:-Copies refd. to.

Id.
16.5.51

642/48/53358.

P.W.D.
E.

Submitted with reference to G.L.No.642/48-E, dated the 18.5.51.

2. The S.E., C.C. has reported that he has no officer to nominate for the Malaria Course as Shri L.W. Kale who is the only Cl.I. officer in his Circle cannot be spared for the Course. The S.Es., K.I.C., S.C., B.C., N.G.C., G.I.C., D.I.C., and S.G.C. have submitted the following nominations for deputation to the Malaria Course of Engrs.

Circles.	Nominations.
K.I.C.	Shri P.R.Joshi, Tempy.Ex.Engr., Ghataprabha Left Bank Canal Dn.
S.C.	Shri A.S.Adke, Tempy.Ex.Engr., Kolhapur Dn.
B.C.	Shri V.H.Kelkar, Tempy.Ex. Engr. Kolaba Dn.
D.I.C.	Shri E.C. Saldanha, A.E.(I).
N.G.C.	Shri C.C. Patel, A.E.(I) one probation.
G.I.C.	Shri N.D. Patel, A.E.(I).
S.G.C.	Shri D.J. Mehta Tempy. Ex. Engr. Surat Dn.

3. It is for consideration who may be deputed for the Malaria Course. It may be mentioned that Shri A.R. Raichur was deputed for the course in the year 1948 & Shri I.M. Magdum and A.V.Vora in the year 1949. No officer of this Deptt. was deputed for the Course in the year 1950.

Id.
25.6.51.

Shri P.R. Joshi, Shri Saldanha and Shri C.C. Patel, may perhaps be deputed for the Malaria course.

D.S.
C.E.
Secy.

Id.
25.6.51

P.R. Joshi, V.H. Kalkar & C.C. Patel may be sent this year. Shri Saldanha has just taken ~~order~~ charge of a sub-division and should be not be disturbed.

Id.
27.6.51 Id.28.6.51.

642/48/53358.

P.W.D.
E

Submitted with ref. to the notes recorded at p.127 ante.

2. The draft put up may issue after F.D. has se seen u.o. That Deptt. may be requested kindly to treat the case as immediate.

3. The training in the Malaria Course will not be made a ground for the promotion of the officers to higher posts in in preference to their s services to posts or services within the purview of the B.P.S.C.

Id.
3.7.51.

Id.
3.7.51.

Immediate.
U.O.R. to the F.D. dated 4.7.51.

~~Id.~~

F.D.
Br.xl.

Before the proposal of the P.W.D. is accepted, that Deptts. may be requested to state, the cost ~~included~~ involved in the same.

Id.
7.7.51.

Id.
7.5.51.

U.O.R. to the P.W.D. dt.9.7.51

E.Br. P.W.D.

The papers may be refd. u.o. to the F.D. with the instructions that the t.a. and daily allnce. of the three officers mentioned at p. . post for the period of ten days stay at Delhi will have to be borne by this Govt. The cost in con.with the daily allnce. all the thr three officers will be about Rs.200 . The offie cers will also be eligible for t.a. under B.C.S. R.556. The exact cost involved in this respect cannot however be stated.

Id.
13/7/51. D.S.

V.Urgt.
U.O.R. to the F.D. dated 19.7.51.

F.D.
Br.Xl.

Submitted w.r.t. the office note dt.7.7.51.

2. The orders proposed by the P.W.D. may be agreed to - The t.a. and d.a. may be given as admissible under the rules. It is presumed that the cut will be accumulated within the sanctioned grant. The P.W.D. may be requested to ~~inform~~ confirm that presumption.

Id.
20.7.51

Id.

21/7

Id.
24/7
25

Id.
25.7.51

U.O.R. to the P.W.D. dt. the 25.7.51.

No.642/48-E.

P.W.D.
B.C.(B'bay No.1),
30th July 1951.

To

The Director,
Malaria Institute of India,
22, Alipore Road, Delhi.

Subject: Malaria Course for Engrs.1951.

Sir,

I am directed to refer to the G. of I., Ministry of Health, letter No.F.4-13/51-P.H.I., d.the 11.5.51, and to state that three officers of this Govt., viz., Shri P.R. Joshi, tempy. Ex.Engr., Shri V.H.Kelkar, tempy.Ex.Engr., and Shri C.C.Patel, Asstt. Engr.(1) on probation, have been nomiated to attend the Malaria Course to be held at the Malaria Institute of India, Delhi, from the 1st to 10th Oct.1951 (1951).

Yours faithfully,

Dy. Secy. to the G. of B.,
P W D.

Copy to -

the Under Secy. to the G. of I., Ministry of Health,

the L.S.G. & P.H.D.,

the F.D.,

the A.G., Bombay (thro. the F.D.),

the S.E., K.I.C. (with ref. to his letter No.G-80, d.the 26.5.51.

the S.E., B.C. (with ref. to his letter No.G.48/5089, dt. the 1.6.51.

the S.E., N.G.C. (with ref. to his letter No. 8973, d.the 7.6.51).

2. The S.E., K.I.C., B.C., N.G.C. is requested to inform Shri

Shri P .R .Joshi, Tempy.E.E.
V.H.Kelkar, tempy.E.E.
:.C. Patel, A.E.(1) on probation.

that the course will give him ideas about anti-malarial measures which can be applied to irrigation works so that they may not be a source of malaria trouble.

Id.
3.7.51.

3. The cost on account of t.a. and d.a. should be met from the current year's sanctioned grant under "501-10-state-Establ.ofdsr".

REGISTERED.

No.12/9/51-Ad(1)
Malaria Institute of India,
22, Alipore Road,
Delhi, the 7.9.51.

From

The Director,
Malaria Institute of India, Delhi.

To

The Deputy Secretary to the
Government of Bombay,
Public Works Department, Bombay
Castle (Bombay No.1).

Memorandum.

Subject:- Malaria Course for Engineers.

Reference your Memo/Letter No.642/48-E, dated 30th July, '51

dated

The following Officers / officer nominated by you/ have been selected for the next Malaria Course for Engineers to be held at this Institute from 1.10.1951 to 10.10.1951. They should be instructed to report at this Institute at 10 A.M. on 1.10.1951 when the course commences:-

1. Shri P.R.Joshi, Temporary Executive Engineer.
2. Shri V.H. Kelkar, Temporary Executive Engineer
3. Shri C.C. Patel, Assistant Engineer (1)

Please acknowledge the receipt of this letter and also inform this office whether they are definitely attending the course.

Sd/-

For Diector
MALARIA INSTITUTE OF INDIA, DELHI

Copy together with a copy of Instructions to students forwarded for information and guidance to:-

a) Shri P.R.Joshi, Tempopary Executive Engineer,
C/O. Deputy Secretary to the Govt. of Bombay,
P.W.D., Bombay Castle No.1.

b) Shri V.H.Kelkar, Temporary Executive Engineer,
C/o. Deputy Secretary to the Govt. of
Bombay, P.W.D., Bombay Castle No.1.

c) Shri C.C.Patel, Assistant Engineer (1),
C/o. Deputy Secretary to the Govt. of Bombay,
P.W.D., Bombay Castle No.1.

INSTRUCTIONS TO STUDENTS.

1. The course will commence on 1.10.1951 at 10 A.M. at the Malaria Institute of India, 22, Alipore Road, Old Delhi, and will terminate on the

2. Students should provide themselves with a large note-book and a fountain pen. Copies of the Health Bulletins, on which the lectures and demonstrations are based, will be supplied by the Institute on payment of cost.

3. Microscopes and all other instruments and apparatus are provided at the Institute.

4. Students will have to make their own arrangements for board, lodging and conveyance. A list of suitable hotels ~~will~~ is given below. Enquiries re:rates, reservation of accommodation, etc. should be addressed direct to the Managers of the Hotels.

INDIAN STYLE.

		Distance from Institute.
1. Coronation Hotel	Chandni Chowk	1½ miles
2. Regal Hotel	Queen's Road	½ "
3. Minerva Hotel	" "	1½ "
4. Royal Hotel	" "	1½ "
5. Agra "	Daryangani	2½ "
6. Green "	Church Mission Road	2 "
7. Punjab "	Fatehpuri	2 "
8. Lakshmi "	Chandni Chowk	2 "
9. Sarojni Lodge	Kashmere Gate	1½ "
10. Bengali Hotel	" "	1½ "
11. Amrit "	Church Mission Road.	2 "

EUROPEAN STYLE

1. Grand Hotel	Under Hill Road	1 Furlong
2. Maiden's Hotel	Alipore Road	2 "
3. Cecil Hotel	Near Ludlow Castle	3 "
4. Swiss Hotel	Alipore Road	3 "

5. Intimation of your arrival should be sent in advance to the Institu

For Director

Malaria Institute of India, Delhi

642/48/79421

(Below copy of G. of I., Estate office Memo No.1625 EOVIII(XI), d. the 14.9.51, re: accommodation at constitution House).

Immediate.
No.642/48-E.

P.W.D.
B.C.(B'bay No. 1),
19th Sept. 1951.

Copy forwarded to:-

Shri V.H. Kelkar, B.E, A.M.I.E.(Ind.),

~~M.R.S~~ M.R.San. I. (Lond), Tempy. Ex. Engr., Kolaba Dan.,

Shri P.R. Joshi, B.E., A.M.I.E., Tempy., E x. Engr., Ghatapeabla left Bank Canal, Dn., Dhuupdal

Shri. C.C. Patel, B.E. , Asstt. Engr. (1) on probation,

F or information.

Id.
19.9.51

By order etc.

Asstt. Secy. to Govt.

P.W.D.

No.F .4-13/51-PHI.
Government of India,
Ministry of Health.

MOST IMMEDIATE.
AIR MAIL.

New Delhi, the 17th September, 1951

From

Shri P.S.Doraswami, B.A.,
Under Secretary to the Government of India,

To

All the States mentioned in part A, B and C of the Schedule 1 to the Constitution (Except Jammu & Kashmir).

SUBJECT:* Malaria Course for Engineers - 1951.

Sir,

I am directed to refer to this Ministry's letter No. F .4-13/51/PHL, dated the 10/11th May, 1951 in which it was stated that it was proposed to hold a Malaria Course for Class 1 Engineers this year at the Malaria Institute of India, Delhi, from the 1st October to the 10th October 1951, and that the State Governments should communicate the names of their nominees to the Director, Malaria Institute of India, Delhi, direct and to say that in view of the fact that certain closed holidays will intervene during the period between the 1st October to the 10th October, 1951, the Malaria Course for Class 1 Engineers will now be held from the 15th October to the 25th October, 1951 (and not from the 1st October to the 10th October 1951 as formerly proposed). The Government of India regret the inconvence caused to the State Governments in the matter.

Yours faithfully,

Sd/-

UNDER SECRETARY

o.F.4-13/51-PH1.

Copy forwarded to the Ministry of Labour/ inistry of Works, P roduction & Supply/Ministry f Railways (Railway Board)/ Ministry of Defence n continuation of this Ministry's endorsement of ven number dated the 10th/11th May, 1951.

. Copy forwarded to the Secretary to the Govern- ent of Bombay Public Works Department, Bombay / the egional Commissioners and Advisers, in continuati- n of this Ministry's endorsement of even number ated the 10th/11th May, 1951.

. Copy forwarded to the Ministry of States (with ne spare copy for communication to the Government of ammu & Kashmir/Director General of Health Services/ irector, Malaria Institute of India, Delhi.

By order,

Sd/-

(P.S. Doraswami)

Under Secretary

642/48/81962

P.W.D.
E

The three officers noted inthe margin have been selected for the Malaria Course to be held for ten days from the 15.10.51 to 25th October 1951.

1. Shri P.R.Joshi, Tempy.Ex.Engr.	1
2. Shri V.H.Kelkar, Tempy. Ex. Engr.	1
3. Shri C.C.Patel, Asstt. Engineer (1) on probation.	1

The S.E., D.I.C., may be informed with ref. to his letter at p. ante that Shri E.C.Saldanha, Asstt. Engr.1, has not been slected for the course. The necy. draft is put up for approval.

2. Copies of the letter dated the 1.9.51 from the Dir-ecotr, Malaria Institute of India, notifying the change in the date of the course have been endorsed to the three officers mentioned above. Copies of the communication at p. ante may be endorsed to the S.Es., B.C., N.G.C. and K.I.C. as per draft endt. put up for approval.

3. The Govt. of India, Estate Office, may be informed that the accommodation for the three officers if reqd. from the 15.10.51 and not from the 1.10.51. The necy. draft is put up for approval.

Id.
26.9.51

Id.
26.9.51.

D.S.

Letter.

No.642/48-E.

P.W.D.,
B.C.(Bombay No.1),
26th Sept. 1951.

To

The S.E., D.I.C.

Sub:- Malaria Course for Engineers, 1951.

Ref:- Your letter No.8468, dated the 12.9.51.

2. Shri E.C. Saldanha, Asstt. Engr. (1), has not been selected for the Malaria Course for Engrs., commencing on the 15.10.51.

By order of the G. of B'bay,

D y. Secy. to the Govt. of
B'bay,,
P.W.D..

D.A.Nil

Below copy of letter No.12-9/51 Ad-I, dated the 10.9.51, regarding Malaria Course for Engineers, 1951.

No.642/48-E.

P.W.Deptt.,

B.C. (B'bay No.1),

26th Sept., 1951.

Copy forwarded to -

The S.E., N.G.C.,

The S.E., B.C.,

The S.E., K.I.C.,

for information.

Id.
26.9.51

By order etc.,

D.S. TO Govt.

No.642/48-E.

P.W.D.,
B.C. (B'bay No.1),
26th Sept. 1951.

To

The Estate Officer,
Govt. of India,
Estate Office,
New Delhi.

Sub:- Malaria Course for Engineers, 1951.

Sir,

I am directed to refer to your letter No.1625 EOVIII (XI), dated the 14.9.51, and to state that the Govt. of India, Ministry of Health, have intimated that in view of the fact that certain closed holidays will intervene during the period between the 1.10.51 to the 10.10.51 the Malaria Course for Class 1 Engineers will now be held at the Malaria Institute of India, Delhi, from the 15.10.51 to the 25.10.51 and not from the 1.10.51 as formerly proposed. I am accordingly to request that residential accommodation for the three officers mentioned in the margin may kindly be arrnaged in Constitution, House for the period from the 15.10.51 instead of from the 1.10.51.

1. Shri V.H. Kelkar, Temporary Executive Engineer, Kolaba Division.
2. Shri P.R. Joshi, Temporary Executive Engineer,
3. Shri C.C.Patel, Assistant Engineer (1), on Probation.

Yours faithfully,

D.S. to the Govt. of Bombay,
P.W.Deptt.

D.A.-Nil.

Copy to -
the S.E., B.C.,
the S.E., K.I.C.,
thw S.E., N.G.C.,
Shri P.R.Joshi, B.E., A.M.I.E., temporary Ex. Engr., Kolaba Dn.,
Shri V.H. Kelkar, B.E., A.M.I.E., Temporary Ex. Engr., Ghataprabha Left Bank Canal Dn.,

Shri V.H. Kelkar, B.E., A.M.I.E.(India),
M.R.San.I(Lond).,
Shri C.C. Patel, B.E. Asstt. Engr.(1) on

probation .

for information.

Id.
25.9.51.